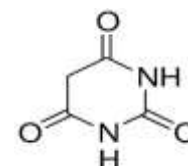


## BARBITURIC ACID AR

<b>PRODUCT CODE</b>	<b>461405</b>
<b>SYNONYMS</b>	<b>2, 4, 6-Trihydroxypyrimidine, Malonylurea.</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>67-52-7</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>4</sub>H<sub>4</sub>N<sub>2</sub>O<sub>3</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>128.09</b>
<b>PROPERTIES</b>	<b>Efflorescent, odourless. Slightly soluble in water and alcohol, soluble in ether.</b>



<b>PARAMETER</b>	<b>LIMIT</b>
Description	White to cream crystals or powder.
Solubility	2% solution in hot water is almost clear to clear.
Minimum assay (Acidimetric)	99.5%
Melting range	248-252 <sup>0</sup> C

### MAXIMUM LIMIT OF IMPURITIES

Loss on drying (105 <sup>0</sup> C)	0.1%
Sulphated ash	0.1%
Chloride (Cl)	0.004%
Iron (Fe)	0.001%
Heavy metals (as Pb)	0.005%

**Note(s) : Assay (if applicable) method mentioned.**

<b>WARNING</b>	IMDG Code :--
<b>Hazard statements:</b> Not hazardous. No hazards.	UN No. :--
<b>Precautionary statements</b>	IATA :--
<b>Prevention:</b>	
<b>Response:</b>	
<b>Disposal:</b> : --	
<b>Hazard Pictogram(s) :</b>	

Replace Date 24-Aug-2022